

REVISIONS				
ECO	REV	DESCRIPTION	DATE	APPROVED
473	A	PRODUCTION RELEASE	12-5-95	RBD
687	B	CHANGED MATERIAL	7-25-97	RBD
730	C	CHG:NOTE 1.1 & 2.1,WAS: L= 1MH...	12-01-97	RBD
1023	D	CHG: NOTES 2.1, & 3.3 PER ECO	06-13-00	RBD
---	D1	ADD PERMACORE 87-9040-26	11/10/00	RBD

PROPRIETARY DATA:
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NOTES:UNLESS OTHERWISE SPECIFIED

1. MATERIALS: UL RECOGNIZED 94V-2
 FLAMMABILITY RATING CLASS B (130°C)
 REQUIRED.

1.1 CORE: TOROID, $\mu = 5000$

MAGNETICS: ZJ-43806-TC OR
 PERMACOR: 87-9040-26

1.2 WIRE: U.L. RECOGNIZED 130°C RATING
 MAGNET WIRE

1.3 OUTER WRAP: 3M #11 OR #69
 OR PERMASIL #213 OR 286

2. SPECIFICATIONS:

2.1 L = .95mH MIN/COIL (1KHZ, <1Vrms)

2.2 DCR = 10 mOHMS MAX/COIL

2.3 POWER LOSS = 2.0 W MAX @ 10A/COIL

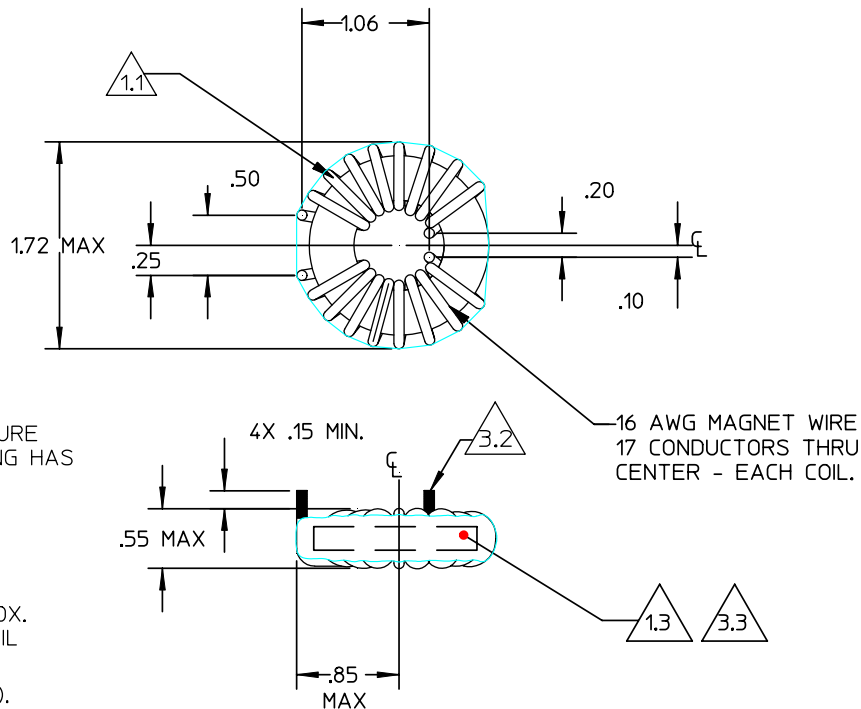
2.4 HI-POT TEST COIL TO COIL, 250VDC TO INSURE
 INTEGRITY OF WINDING INSULATION/COVERING HAS
 NOT BEEN BREACHED.

3. CONSTRUCTION:

3.1 WIND COILS EVENLY SPACED (NOTE
 POLARITY)

3.2 REMOVE INSULATION AND TIN LEADS APPROX.
 FLUSH WITH THE CORE, AS SHOWN (I.E. COIL
 MUST REST FLAT ON PCB)

3.3 WRAP INDUCTOR WITH TAPE, (PER NOTE 1.3).
 MARK PART NUMBER AND REVISION IN (BLACK) APPROX.
 WHERE SHOWN, USING A PERMANENT MARKING METHOD.



		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE:	CONTRACT NO.		WESTCOR a division of VICOR Corp.	
		FRACTIONS DECIMALS ANGLES * --- .XX ± .05 ± 3° .XXX ± .020	---		IND COMMON MODE 1.27mH 10A	
		MATERIAL	APPROVALS		DATE	
		SEE NOTES	DRAWN B.STOVER		8/04/94	
		FINISH	CHECKED L.KING		7/25/97	
---	SEE MIS	---	APPROVED R.B. DRABING		11/1/94	
NEXT ASSY	USED ON	---	DESIGNED R.B. DRABING		SIZE B	REV D1
APPLICATION		DO NOT SCALE DRAWING	8/4/94		CAGE CODE ---	DWG NO. 36-00029-04
					SCALE NTS	FILENAME: 36-00029-04
					SHEET 1 OF 1	